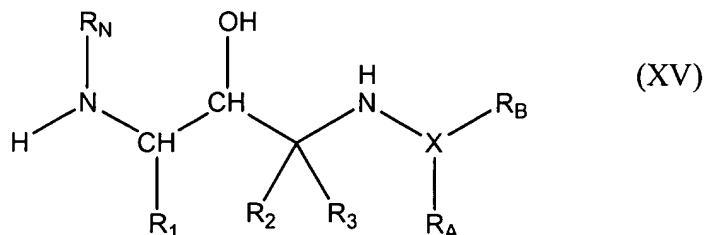


The Listing of Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1. A substituted amine of formula (XV)



or a salt thereof, where R_1 is $-(CH_2)_{n_1}-(R_{1-aryl})$ where n_1 is zero or one and where R_{1-aryl} is phenyl, optionally substituted with one, two, or three of the following substituents:

(A) C_1 - C_6 alkyl optionally substituted with one, two or three substituents selected from the group consisting of C_1 - C_3 alkyl, -F, -Cl, -Br, -I, -OH, -SH, $-C\equiv N$, $-CF_3$, C_1 - C_3 alkoxy, and $-NR_{1-a}R_{1-b}$ where R_{1-a} and R_{1-b} -H or C_1 - C_6 alkyl,

(D) -F, Cl, -Br or -I,

(F) $-C_1$ - C_6 alkoxy optionally substituted with one, two, or three of: -F,

(G) $-NR_{N-2}R_{N-3}$ where R_{N-2} and R_{N-3} are as defined below,

(H) -OH,

(I) $-C\equiv N$,

(K) $-\text{CO}-(\text{C}_1\text{-C}_4 \text{ alkyl})$,

where R_2 is:

$-\text{H}$, or $\text{C}_1\text{-C}_3 \text{ alkyl}$;

where R_3 is:

$-\text{H}$, or $\text{C}_1\text{-C}_3 \text{ alkyl}$;

where R_N is $\text{R}_{N-1}\text{-X}_N$ where X_N is selected from the group consisting of:

(A) $-\text{CO}-$,

(B) $-\text{SO}_2-$,

(C) $-(\text{CR}'\text{R}'')_{1-6}$ where R' and R'' are the same or different and are $-\text{H}$ or $\text{C}_1\text{-C}_4 \text{ alkyl}$,

(E) a single bond;

where R_{N-1} is $\text{R}_{N\text{-aryl}}$ where $\text{R}_{N\text{-aryl}}$ is phenyl, 1-naphthyl, or 2-naphthyl, each of which is optionally substituted with one, two or three of the following substituents which can be the same or different and are:

(1) $\text{C}_1\text{-C}_6 \text{ alkyl}$, optionally substituted with one, two or three substituents selected from the group consisting of $\text{C}_1\text{-C}_3 \text{ alkyl}$, $-\text{F}$, $-\text{Cl}$, $-\text{Br}$, $-\text{I}$, $-\text{OH}$, $-\text{SH}$, $-\text{C}\equiv\text{N}$, $-\text{CF}_3$, $\text{C}_1\text{-C}_3 \text{ alkoxy}$, and $-\text{NR}_{1-a}\text{R}_{1-b}$ where R_{1-a} and R_{1-b} are as defined above,

(2) -OH,

(3) -NO₂,

(4) -F, -Cl, -Br, or -I,

(5) -CO-OH,

(6) -C≡N,

(7) - (CH₂)₀₋₄-CO-NR_{N-2}R_{N-3} where R_{N-2} and R_{N-3} are the same or different and are selected from the group consisting of:

(a) -H,

(b) -C₁-C₆ alkyl optionally substituted with one substituent selected from the group consisting of:

(i) -OH, and

(ii) -NH₂,

(c) -C₁-C₆ alkyl optionally substituted with one to three -F, -Cl, -Br, or -I,

(d) -C₃-C₇ cycloalkyl,

(e) -(C₁-C₂ alkyl)-(C₃-C₇ cycloalkyl),

(f) -(C₁-C₆ alkyl)-O-(C₁-C₃ alkyl),

(8) -(CH₂)₀₋₄-CO-(C₁-C₁₂ alkyl),

(11) -(CH₂)₀₋₄-CO-(C₃-C₇ cycloalkyl),

(15) -(CH₂)₀₋₄-CO-R_{N-4} where R_{N-4} is selected from the group consisting of morpholinyl, thiomorpholinyl,

piperaziny1, piperidinyl, homomorpholinyl, homothiomorpholinyl, homothiomorpholinyl S-oxide, homothiomorpholinyl S,S-dioxide, pyrrolinyl and pyrrolidinyl where each group is optionally substituted with one, two, three, or four of C₁-C₆ alkyl,

(16) - (CH₂)₀₋₄-CO-O-R_{N-5} where R_{N-5} is selected from the group consisting of:

(a) C₁-C₆ alkyl,

(b) - (CH₂)₀₋₂-(R_{1-aryl}) where R_{1-aryl} is as defined above,

(e) C₃-C₇ cycloalkyl, and

(21) - (CH₂)₀₋₄-N(H or R_{N-5})-CO-O-R_{N-5} where R_{N-5} can be the same or different

(24) - (CH₂)₀₋₄-N(-H or R_{N-5})-CO-R_{N-2} where R_{N-5} and R_{N-2} can be the same or different,

(25) - (CH₂)₀₋₄-NR_{N-2}R_{N-3} where R_{N-2} and R_{N-3} can be the same or different,

(26) - (CH₂)₀₋₄-R_{N-4},

(27) - (CH₂)₀₋₄-O-CO-(C₁-C₆ alkyl),

(29) - (CH₂)₀₋₄-O-CO-N(R_{N-5})₂

(31) - (CH₂)₀₋₄-O-(R_{N-5})₂

(34) - (CH₂)₀₋₄-O-(C₁-C₆ alkyl optionally substituted with one, two, three, four, or five -F),

(35) C₃-C₇ cycloalkyl,

(39) - (CH₂)₀₋₄- C₃-C₇ cycloalkyl,

where R_A is:

(I) -C₁-C₁₀ alkyl optionally substituted with one, two or three substituents selected from the group consisting of C₁-C₃ alkyl, -F, -Cl, -Br, -I, -OH, -SH, -C≡N, -CF₃, C₁-C₆ alkoxy, -O-phenyl, -NR_{1-a}R_{1-b} where R_{1-a} and R_{1-b} are as defined above, -OC=O NR_{1-a}R_{1-b} where R_{1-a} and R_{1-b} are as defined above, -S(=O)₀₋₂ R_{1-a} where R_{1-a} is as defined above, - NR_{1-a}C=O NR_{1-a}R_{1-b} where R_{1-a} and R_{1-b} are as defined above, -C=O NR_{1-a}R_{1-b} where R_{1-a} and R_{1-b} are as defined above, and -S(=O)₂ NR_{1-a}R_{1-b} where R_{1-a} and R_{1-b} are as defined above,

(III) - (CR_{A-x}R_{A-y})₀₋₄-R_{A-aryl} where R_{A-x} and R_{A-y} are

(A) -H,

(B) C₁-C₄ alkyl optionally substituted with one or two -OH,

(C) C₁-C₄ alkoxy optionally substituted with one, two, or three of: -F,

(D) - (CH₂)₀₋₄-C₃-C₇ cycloalkyl,

(E) C₂-C₆ alkenyl containing one or two double bonds,

(F) C₂-C₆ alkynyl containing one or two triple bonds,

(G) phenyl,

(IV) -cyclopentyl, -cyclohexyl, or -cycloheptyl ring fused to R_{A-aryl} , where R_{A-aryl} is as defined above where one carbon of cyclopentyl, cyclohexyl, or -cycloheptyl is optionally replaced with NH, NR_{N-5} , O, or $S(=O)_{0-2}$, and where cyclopentyl, cyclohexyl, or -cycloheptyl can be optionally substituted with one or two $-C_1-C_3$ alkyl, -F, -OH, -SH, $-C\equiv N$, $-CF_3$, C_1-C_6 alkoxy, =O, or $-NR_{1-a}R_{1-b}$ where R_{1-a} and R_{1-b} are as defined above,

(VI) -H,

(VII)

$-C=OR_7$,

wherein R_7 is:

$C_1 - C_6$ alkyl,

phenyl,

(aryl)alkyl,

cycloalkyl,

cycloalkylalkyl,

hydroxyalkyl,

alkoxyalkyl,

aryloxyalkyl,

haloalkyl,

carboxyalkyl,

alkoxycarbonylalkyl,

aminoalkyl,

alkylaminoalkyl,
dialkylaminoalkyl,
lower alkenyl,

where X is -N, or -O, with the proviso that when X is O, R_B is absent;

and when X is N,

R_B is:

-C₁-C₁₀ alkyl optionally substituted with one, two or three substituents selected from the group consisting of C₁-C₃ alkyl, -F, -Cl, -Br, -I, -OH,

-SH, -C≡N, CF₃, C₁-C₆ alkoxy, -O-phenyl, -NR_{1-a}R_{1-b} -C(=O) NR_{1-a}R_{1-b}

where R_{1-a} and R_{1-b} are as defined above, and S(=O)₂ NR_{1-a}R_{1-b};

(II) -(CH₂)₀₋₃-(C₃-C₈) cycloalkyl where cycloalkyl can be optionally substituted with one, two or three substituents selected from the group consisting of C₁-C₃ alkyl, -F, -Cl, -Br, -I, -OH, -SH, -C≡N, -CF₃, C₁-C₆ alkoxy, -O-phenyl, -CO-OH, -CO-O-(C₁-C₄ alkyl), and NR_{1-a}R_{1-b};

or -H.

2. A substituted amine according to claim 1

where R₁ is:

-(CH₂)₀₋₁-phenyl, wherein the phenyl group is optionally substituted with 1 or 2 groups that are F, Cl, Br, C₁-C₄ alkoxy,

CF₃, C₁-C₆ alkyl optionally substituted with one or two substituents selected from the group consisting of C₁-C₃ alkyl, -F, -Cl, -Br, -OH, -C≡N, -CF₃, C₁-C₃ alkoxy, and -NR_{1-a}R_{1-b} where R_{1-a} and R_{1-b} -H or C₁-C₄ alkyl,

where R_N is:

R_{N-1}-X_N- where X_N is selected from the group consisting of:

-CO-, and

-SO₂-,

where R_{N-1} is -R_{N-aryl};

where R_A is:

-C₁-C₈ alkyl,

-(CH₂)₀₋₃-(C₃-C₇) cycloalkyl,

-(CR_{A-x}R_{A-y})₀₋₄-R_{A-aryl},

-cyclopentyl or -cyclohexyl ring fused to R_{A-aryl},

or

-C=OR₇, where R₇ is

C₁ - C₆ alkyl,

phenyl,

cycloalkyl,

cycloalkylalkyl,

hydroxyalkyl,

alkoxyalkyl,

phenyloxyalkyl

haloalkyl,

carboxyalkyl,

where X is -N or -O, with the proviso that when X is O, R_B is absent; and when X is N,

R_B is:

-C₁-C₆ alkyl.

3. A substituted amine according to claim 2

where R₁ is:

benzyl, wherein the phenyl portion is optionally substituted with 1 or 2 groups that are F, Cl, C₁-C₄ alkoxy, CF₃, C₁-C₄ alkyl optionally substituted with one substituent selected from the group consisting of C₁-C₃ alkyl, -F, -Cl, -Br, -OH, -C≡N, -CF₃, C₁-C₃ alkoxy, and -NR_{1-a}R_{1-b} where R_{1-a} and R_{1-b} -H or C₁-C₄ alkyl,

where R₂ is -H;

where R₃ is -H;

where R_N is:

R_{N-1}-X_N- where X_N is:

-CO-,

where R_{N-1} is phenyl, substituted with one, two or three of the following substituents which can be the

same or different and are C₁-C₄ alkyl, optionally substituted with one or two substituents selected from the group consisting of C₁-C₃ alkyl, -F, -Cl, -Br, -I, -OH, -SH, -C≡N, -CF₃, C₁-C₃ alkoxy, and -NR_{1-a}R_{1-b}, -OH, -NO₂, -F, -Cl, -Br, or -I, -CO-OH, -C≡N, -(CH₂)₀₋₄-CO-NR_{N-2}R_{N-3}, -(CH₂)₀₋₄-SO₂-NR_{N-2}R_{N-3}, -(CH₂)₀₋₄-SO-(C₁-C₆ alkyl), -(CH₂)₀₋₄-SO₂-(C₁-C₆ alkyl), -(CH₂)₀₋₄-SO₂-(C₃-C₇ cycloalkyl), -(CH₂)₀₋₄-O-(C₁-C₆ alkyl optionally substituted with one, two, three, four, or five -F), C₃-C₇ cycloalkyl, or -(CH₂)₀₋₄-C₃-C₇ cycloalkyl, where R_{N-2} and R_{N-3} are the same or different and are selected from the group consisting of H, and -C₁-C₆ alkyl optionally substituted with one substituent selected from -OH, and -NH₂, -C₁-C₆ alkyl optionally substituted with one to three -F, -Cl, -Br, or -I, -C₃-C₇ cycloalkyl, -(C₁-C₂ alkyl)-(C₃-C₇ cycloalkyl), and -(C₁-C₄ alkyl)-O-(C₁-C₃ alkyl);

where R_A is:

- C₁-C₈ alkyl,
- (CH₂)₀₋₃-(C₃-C₇) cycloalkyl,
- (CR_{A-x}R_{A-y})₀₋₄-R_{A-aryl},
- cyclopentyl or -cyclohexyl ring fused to R_{A-aryl},
- cyclopentyl or -cyclohexyl ring fused to R_{A-aryl},

-C=OR₇, where R₇ is

C₁ - C₆ alkyl,
phenylalkyl,
cycloalkyl,
cycloalkylalkyl,
hydroxyalkyl,
alkoxyalkyl, or
haloalkyl,

where X is -N or -O, with the proviso that when X is
O, R_B is absent;

and when X is N, and

R_B is:

H or -C₁-C₆ alkyl.

4. A substituted amine according to claim 3, where R_A is:
-(CR_{A-x}R_{A-y})₀₋₄-R_{A-aryl}, -cyclopentyl or -cyclohexyl ring fused to R<sub>A-
aryl</sub>, or -C=OR₇, where

R_{A-aryl} is phenyl, 1-naphthyl, or 2-naphthyl, substituted
with one, two or three of the following substituents
which can be the same or different and are C₁-C₄ alkyl,
optionally substituted with one or two substituents
selected from the group consisting of C₁-C₃ alkyl, -F,
-Cl, -Br, -I, -OH, -SH, -C≡N, -CF₃, C₁-C₃ alkoxy, and

-NR_{1-a}R_{1-b}, -OH, -NO₂, -F, -Cl, -Br, or -I, -CO-OH, -C≡N,
-(CH₂)₀₋₄-CO-NR_{N-2}R_{N-3}, -(CH₂)₀₋₄-SO₂-NR_{N-2}R_{N-3}, -(CH₂)₀₋₄-SO-
(C₁-C₆ alkyl), -(CH₂)₀₋₄-SO₂-(C₁-C₆ alkyl), -(CH₂)₀₋₄-SO₂-
(C₃-C₇ cycloalkyl), -(CH₂)₀₋₄-O-(C₁-C₆ alkyl optionally
substituted with one, two, three, four, or five -F),
C₃-C₇ cycloalkyl, or -(CH₂)₀₋₄-C₃-C₇ cycloalkyl, where
R_{N-2} and R_{N-3} are the same or different and are selected

from the group consisting of H, and -C₁-C₆ alkyl
optionally substituted with one substituent
selected from -OH, and -NH₂, -C₁-C₆ alkyl
optionally substituted with one to three -F, -Cl,
-Br, or -I, -C₃-C₇ cycloalkyl, -(C₁-C₂ alkyl)-(C₃-C₇
cycloalkyl), and -(C₁-C₄ alkyl)-O-(C₁-C₃ alkyl);

R₇ is C₁ - C₆ alkyl, cycloalkyl, cycloalkylalkyl,
alkoxyalkyl, or haloalkyl,

R_{A-x} and R_{A-y} are -H, C₁-C₄ alkyl optionally substituted with
one or two -OH, C₁-C₄ alkoxy optionally substituted
with one, two, or three -F, or phenyl;

where R_B is H or C₁-C₄ alkyl.

5. A substituted amine according to claim 4, where R₁ is
benzyl substituted with 2 halogens.

6. A substituted amine according to claim 5 where R_1 is benzyl substituted with 2 fluorines.

7. A substituted amine according to claim 6 where R_1 is 3,5-difluorobenzyl.

8. A substituted amine according to claim 5 where R_N is-
C(O)-phenyl, wherein the phenyl is substituted with one -CO-NR_{N-2}-
R_{N-3}.

9. A substituted amine according to claim 8 where R_{N-2} and R_{N-3} are independently H or C₁-C₆ alkyl.

10. A substituted amine according to claim 5 where R_N is -
C(O)-phenyl, wherein the phenyl is substituted with one methyl
group and with one -CO-NR_{N-2}R_{N-3}.

11. A substituted amine according to claim 10 where R_{N-2} and R_{N-3} are independently H or C₁-C₆ alkyl.

12. A substituted amine according to either claim 8 or 10
where R_A is:

- (CR_{A-x}R_{A-y})₀₋₄-R_{A-aryl} where R_{A-aryl} is phenyl, which is optionally substituted with one or two substituents selected from the group consisting of C₁-C₃ alkyl, -F, -Cl, -Br, -I, -OH, -SH, -C≡N, -CF₃, C₁-C₃ alkoxy, and -NR_{1-a}R_{1-b}; and wherein the phenyl is optionally fused to a cyclopentyl or cyclohexyl ring; and
R_{A-x} and R_{A-y}, if present, are both H.

13. A substituted amine according to claim 12 where R_A is phenyl.

14. A substituted amine according to claim 12 where phenyl is mono-substituted at the 3-position or disubstituted at the 3,5-positions.

15. A substituted amine according to claim 12 where R_A is: -cyclohexyl ring fused to a phenyl ring.

16. A substituted amine according to claim 13, where R_B is H or C₁-C₄ alkyl.

17. A substituted amine according to claim 16 where R_B is H.

18. A substituted amine according to claim 16 where R_B is methyl.

19. A substituted amine according to claim 1, where X is oxygen and R_B is absent.

20. A substituted amine according to claim 1 chosen from the group consisting of:

N-[1-(3,5-Difluoro-benzyl)-2-hydroxy-3-(N'-methyl-N'-phenyl-hydrazino)-propyl]-5-methyl-N',N'-dipropyl-isophthalamide,

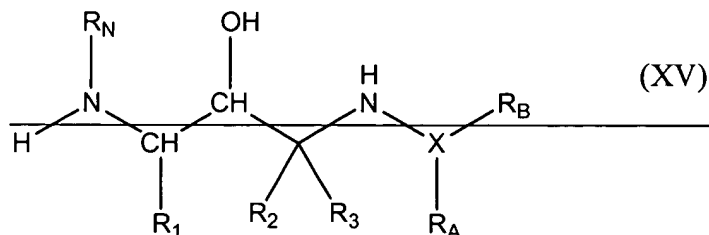
N-{1-(3,5-Difluoro-benzyl)-2-hydroxy-3-[N'-methyl-N'-(4-methyl-pentanoyl)-hydrazino]-propyl}-5-methyl-N',N'-dipropyl-isophthalamide, and

N-[1-(3,5-Difluoro-benzyl)-2-hydroxy-3-phenoxyamino-propyl]-5-methyl-N',N'-dipropyl-isophthalamide.

21. A substituted amine according to claim 1 where the pharmaceutically acceptable salt is selected from the group consisting of salts of the following acids acetic, aspartic, benzenesulfonic, benzoic, bicarbonic, bisulfuric, bitartaric, butyric, calcium edetate, camsylic, carbonic, chlorobenzoic, citric, edetic, edisylic, estolic, esyl, esylic, formic,

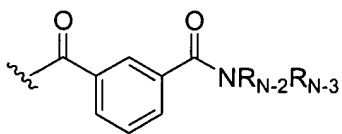
and an binder, excipient, disintegrating agent, lubricant, or gildant.

25. (Currently Amended) A composition comprising a compound of ~~formula XV~~



~~where R_1 , R_2 , R_3 , R_N , R_A , R_B , and X are as defined in claim 1,~~
disposed in a cream, ointment, or patch.

26. A compound according to claim 9, wherein

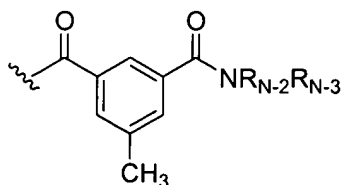


R_N is of the formula

27. A compound according to claim 26, wherein

R_{N-2} and R_{N-3} are both C_3 alkyl.

28. A compound according to claim 11, wherein



R_N is of the formula

29. A compound according to claim 28, wherein
 R_{N-2} and R_{N-3} are both C_3 alkyl.

30. A compound according to claim 19, wherein
 R_1 is benzyl, wherein the phenyl portion is optionally
substituted with 1 or 2 groups that are F, Cl, C_1 - C_4 alkoxy,
 CF_3 , C_1 - C_4 alkyl optionally substituted with one substituent
selected from the group consisting of C_1 - C_3 alkyl, -F, -Cl,
-Br, -OH, $-C\equiv N$, $-CF_3$, C_1 - C_3 alkoxy, and $-NR_{1-a}R_{1-b}$ where R_{1-a}
and R_{1-b} -H or C_1 - C_4 alkyl,

R_2 is -H;

R_3 is -H;

R_N is $R_{N-1}-X_N$ where X_N is $-CO-$, and R_{N-1} is phenyl substituted
with one, two or three of the following substituents
which can be the same or different and are C_1 - C_4 alkyl,
-OH, $-NO_2$, -F, -Cl, -Br, or -I, $-CO-OH$, $-C\equiv N$, $-(CH_2)_{0-4}-$
 $CO-NR_{N-2}R_{N-3}$, where

R_{N-2} and R_{N-3} are the same or different and are selected
from the group consisting of H, and $-C_1$ - C_6 alkyl
optionally substituted with one substituent
selected from -OH, and $-NH_2$, $-C_1$ - C_6 alkyl
optionally substituted with one to three -F, -Cl,

-Br, or -I, -C₃-C₇ cycloalkyl, -(C₁-C₂ alkyl)-(C₃-C₇ cycloalkyl), and -(C₁-C₄ alkyl)-O-(C₁-C₃ alkyl).

31. A compound according to claim 30, wherein

R_A is -(C_{R_A-x}R_A-y)₀₋₄-R_A-aryl, or -C=OR₇, where

R_A-aryl is phenyl, 1-naphthyl, or 2-naphthyl, substituted with one, two or three of the following substituents which can be the same or different and are C₁-C₄ alkyl optionally substituted with one or two substituents selected from the group consisting of C₁-C₃ alkyl, -F, -Cl, -Br, -I, -OH, -SH, -C≡N, -CF₃, C₁-C₃ alkoxy, and -NR_{1-a}R_{1-b}, -OH, -NO₂, -F, -Cl, -Br, or -I, -CO-OH, -C≡N, -(CH₂)₀₋₄-CO-NR_{N-2}R_{N-3}, -(CH₂)₀₋₄-SO₂-NR_{N-2}R_{N-3}, -(CH₂)₀₋₄-SO-(C₁-C₆ alkyl), -(CH₂)₀₋₄-SO₂-(C₁-C₆ alkyl), -(CH₂)₀₋₄-SO₂-(C₃-C₇ cycloalkyl), -(CH₂)₀₋₄-O-(C₁-C₆ alkyl optionally substituted with one, two, three, four, or five -F), C₃-C₇ cycloalkyl, or -(CH₂)₀₋₄-C₃-C₇ cycloalkyl, where R_{N-2} and R_{N-3} are the same or different and are selected from the group consisting of H, and -C₁-C₆ alkyl;

R₇ is C₁ - C₆ alkyl;

R_{A-x} and R_{A-y} are -H, C₁-C₄ alkyl, or phenyl.

32. A compound according to claim 31, wherein

R_1 is benzyl, wherein the phenyl portion is substituted with 1 or 2 groups that are F, Cl, C_1 - C_4 alkoxy, CF_3 , or C_1 - C_4 alkyl;

R_{A-aryl} is phenyl substituted with one or two of the following substituents C_1 - C_4 alkyl, optionally substituted with one or two substituents selected from the group consisting of C_1 - C_3 alkyl, -OH, - NO_2 , -F, -Cl, -Br, or -I, -CO-OH, - $C\equiv N$, - $(CH_2)_{0-4}$ -CO-N R_{N-2} R_{N-3} , and - $(CH_2)_{0-4}$ -O- $(C_1$ - C_6 alkyl optionally substituted with one, two, three, four, or five -F, where

R_{N-2} and R_{N-3} are the same or different and are selected from the group consisting of H, and C_1 - C_6 alkyl.

33. A substituted amine according to claim 32 where R_N is -C(O)-phenyl, wherein the phenyl is substituted with one -CO-N R_{N-2} R_{N-3} .

34. A substituted amine according to claim 33 where R_{N-2} and R_{N-3} are independently H or C_1 - C_6 alkyl.

35. A compound according to claim 34, wherein R_{N-2} and R_{N-3} are both C_3 alkyl.

36. A substituted amine according to claim 32 where R_N is -C(O)-phenyl, wherein the phenyl is substituted with one methyl group and with one -CO-NR_{N-2}R_{N-3}.

37. A substituted amine according to claim 36 where R_{N-2} and R_{N-3} are independently H or C₁-C₆ alkyl.

38. A compound according to claim 37, wherein R_{N-2} and R_{N-3} are both C₃ alkyl.

39. A compound according to claim 4, wherein
 R_7 is C₁ - C₆ alkyl;
 R_1 is benzyl, wherein the phenyl portion is substituted with 1 or 2 groups that are F, Cl, C₁-C₄ alkoxy, CF₃, or C₁-C₄ alkyl;
and

R_N is R_{N-1} -X_N- where X_N is -CO-, and R_{N-1} is phenyl substituted with one, two or three of the following substituents which can be the same or different and are C₁-C₄ alkyl, -OH, -NO₂, -F, -Cl, -Br, or -I, -CO-OH, -C≡N, -(CH₂)₀₋₄-CO-NR_{N-2}R_{N-3}, where

R_{N-2} and R_{N-3} are the same or different and are selected from the group consisting of H, and -C₁-C₆ alkyl optionally substituted with one substituent

selected from -OH, and -NH₂, -C₁-C₆ alkyl
optionally substituted with one to three -F, -Cl,
-Br, or -I, -C₃-C₇ cycloalkyl, -(C₁-C₂ alkyl)-(C₃-C₇
cycloalkyl), and -(C₁-C₄ alkyl)-O-(C₁-C₃ alkyl).

40. A compound according to claim 39, wherein
R_N is -C(O)-phenyl, wherein the phenyl is substituted with one
-CO-NR_{N-2}R_{N-3}.

41. A substituted amine according to claim 40 where R_{N-2} and
R_{N-3} are independently H or C₁-C₆ alkyl.

42. A compound according to claim 41, wherein R_{N-2} and R_{N-3}
are both C₃ alkyl.

43. A substituted amine according to claim 39 where R_N is -
C(O)-phenyl, wherein the phenyl is substituted with one methyl
group and with one -CO-NR_{N-2}R_{N-3}.

44. A substituted amine according to claim 43 where R_{N-2} and
R_{N-3} are independently H or C₁-C₆ alkyl.

45. A compound according to claim 44, wherein R_{N-2} and R_{N-3} are both C_3 alkyl.